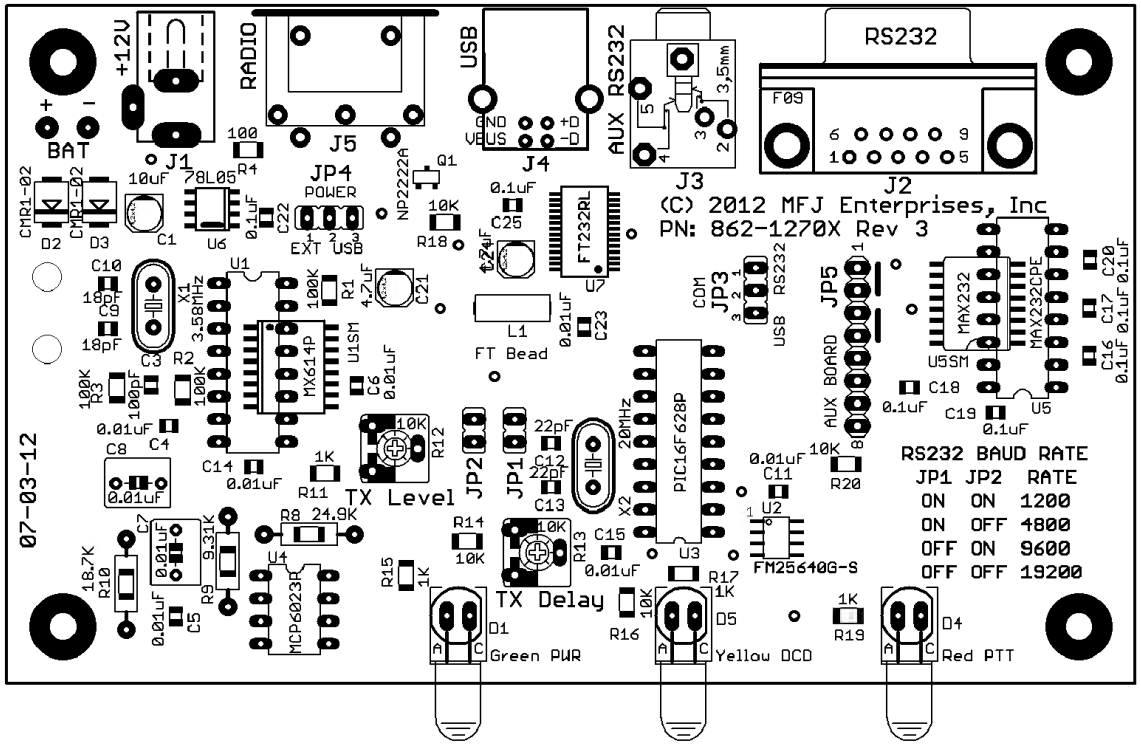
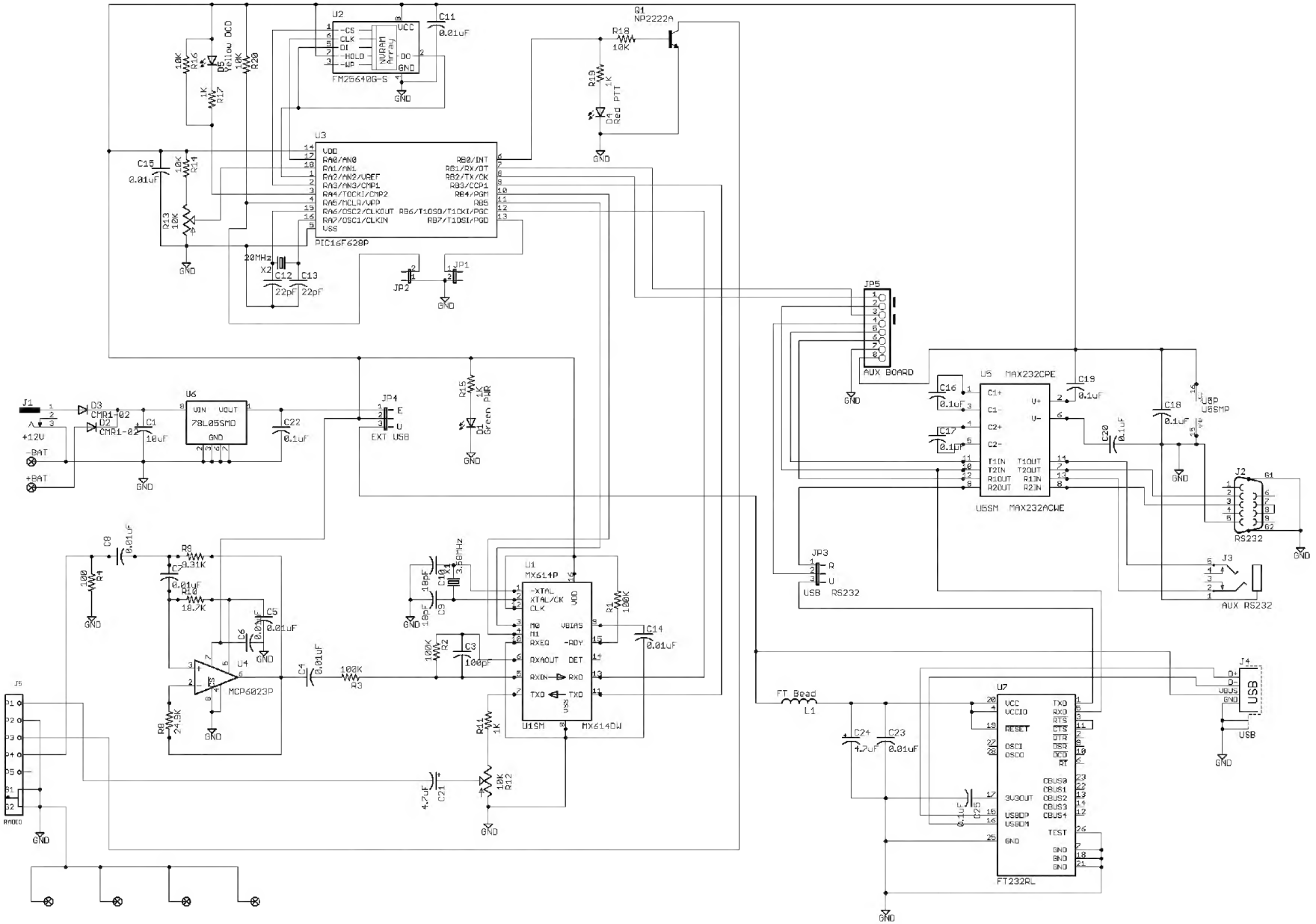


(C) 2012 MFJ Enterprises, Inc
PN: 862-1270X Rev 3
RS232 BAUD RATE
JP1 JP2 RATE
ON ON 1200
ON OFF 4800
OFF ON 9600
OFF OFF 19200
07-03-12
BAT
+12V
RADIO
USB
AUX RS232
RS232
J1
J5
J4
J3
J2
JP4
POWER
EXT USB
FT232RL
FT Bead
TX Level
TX Delay
PIC16F628P
MX614P
MCP6023R
FM25640G-S
MAX232
MAX232CPE
U5SM
U5
U1
U2
U3
U4
U6
U1SM
X1
X2
3.58MHz
20MHz
78L05
NP2222A
Q1
L1
JP1
JP2
JP3
JP5
AUX BOARD
COM
USB
RS232
F09
3,5mm
D1
Green PWR
D5
Yellow DCD
D4
Red PTT


U2
FM25640B-S
C11
0.01uF
Q1
NP2222A
R18
10K
R19
1K
Red PTT
D5
Yellow DCD
R16
10K
R17
1K
R20
10K
U3
PIC16F628P
C15
0.01uF
R14
10K
R13
10K
20MHz
X2
C12
22pF
C13
22pF
JP1
JP2
JP5
AUX BOARD
U5
MAX232CPE
C16
0.1uF
C17
0.1uF
C19
0.1uF
C18
0.1uF
C20
0.1uF
U5SM
MAX232ACWE
J2
RS232
J3
AUX RS232
J1
+12V
-BAT
+BAT
D3
CMR1-02
D2
CMR1-02
C1
10uF
U6
78L05SMD
C22
0.1uF
JP4
EXT USB
R15
1K
D1
Green PWR
JP3
USB RS232
C8
0.01uF
R4
100
R9
9.31K
C7
0.01uF
R10
18.7K
C5
0.01uF
C6
0.01uF
U4
MCP6023P
R8
249K
C4
0.01uF
R3
100K
U1
MX614P
U1SM
MX614DW
X1
3.58MHz
C10
18pF
C9
18pF
R1
100K
C14
0.01uF
R2
100K
C3
100pF
R11
1K
R12
10K
C21
4.7uF
J5
RADIO
J4
USB
U7
FT232RL
FT Bead
L1
C24
4.7uF
C23
0.01uF
C25
0.1uF
GND